

Application No.: 10/019,228  
Art Unit 3752

Attorney Docket No. 0104-0374P  
Amendment filed April 2, 2004  
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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A medium-carrying hose, preferably for pressure medium and for use in e.g. engine compartments, the a wall of the hose comprising at least one wall portion (5) which is connected with at least one expansion portion (4) to form a continuous hose casing, so that the circumference of the hose is variable between a minimum value, when the expansion portion (4) is unexpanded, and a maximum value, when the expansion portion (4) is maximally expanded and said expanded portion (4) extends in the transverse and the longitudinal direction of the hose, the wall portions (5) being displaced relative to each other in the transverse as well as the longitudinal direction of the hose as the circumference increases and the expansion portion (4) expands, characterised in that the wall has a substantially constant diameter and the expansion portions (5, 4) are have a substantially smaller diameter and the wall and expansion portions are differently formed in different parts (1, 2, 3) along the hose in order to control, during expansion or vibration of the hose, the direction of motion of the different parts (1, 2, 3) in a desirable manner.

2. (Currently Amended) The A medium-carrying hose according to claim 1, characterised in that wherein the relationships of the wall and expansion portions (5, 4) are different in different parts along the hose (1, 2, 3)

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in order to control, during expansion of the hose, the direction of motion of the different parts (1, 2, 3) in a desirable manner.

3. (Currently Amended) ~~The A~~ medium-carrying hose according to claim 1 or 2, ~~characterised in that~~ wherein the hose is preformed to have a certain extent in the longitudinal direction, and that the design of, and the relationships of, the wall and expansion portions (5, 4) in the hose casing in each part of the hose is adapted to the preform of the hose in the respective parts (1, 2, 3) of the hose.

4. (Currently Amended) ~~The A~~ medium-carrying hose according to claim 1, ~~characterised in that~~ wherein the expansion portion is a groove in the hose casing when this is in an unexpanded state.

5. (Currently Amended) ~~The A~~ medium-carrying hose according to claim 4, ~~characterized in that~~ wherein the groove is helically turned ~~seen~~ in the longitudinal direction of the hose.

6. (Currently Amended) ~~The A~~ medium-carrying hose according to claim 5, ~~characterised in that~~ wherein the helical groove has a varying number of turns per unit of length of the hose.

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7. (Currently Amended) ~~The A medium-carrying hose according to claim 5 or 6, characterised in that wherein the helical groove has different direction of turning in different parts of the hose.~~

8. (Currently Amended) ~~The A medium-carrying hose according to claim 5, characterised in that wherein the cross-sectional shape of the groove is different in different parts of the hose.~~

9. (Currently Amended) ~~The A medium-carrying hose according to claim 1, characterised in that wherein the hose has at least two expansion portions, which are uniformly distributed along the circumference of the hose casing.~~

10. (Currently Amended) ~~The A medium-carrying hose according to claim 1, characterised in that wherein the hose has four wall portions in addition to four expansion portions, which are alternatingly arranged along the circumference of the hose casing.~~

11. (Currently Amended) ~~A medium-carrying hose, a wall of the hose comprising at least one wall portion which is connected with at least one~~

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expansion portion to form a continuous hose casing, so that the circumference of the hose is variable between a minimum value, when the expansion portion is unexpanded, and a maximum value, when the expansion portion is maximally expanded and said expanded portion extends in the transverse and the longitudinal direction of the hose, the wall portions being displaced relative to each other in the transverse as well as the longitudinal direction of the hose as the circumference increases and the expansion portion expands, the wall and expansion portions are differently formed in different parts along the hose in order to control, during expansion or vibration of the hose, the direction of motion of the different parts, A medium-carrying hose according to claim 1, characterised in that the hose along its circumference is provided with an elastic material.

12. (Currently Amended) A medium-carrying hose, a wall of the hose comprising at least one wall portion which is connected with at least one expansion portion to form a continuous hose casing, so that the circumference of the hose is variable between a minimum value, when the expansion portion is unexpanded, and a maximum value, when the expansion portion is maximally expanded and said expanded portion extends in the transverse and the longitudinal direction of the hose, the wall portions being displaced relative to each other in the transverse as well as the longitudinal direction of the hose

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~~as the circumference increases and the expansion portion expands, the wall and expansion portions are differently formed in different parts along the hose in order to control, during expansion or vibration of the hose, the direction of motion of the different parts, A medium-carrying hose according to claim 1, characterised in that the hose along its inner circumference is provided with an elastic material.~~

13. (Currently Amended) A method for manufacturing a medium-carrying hose, ~~a wall of the hose comprising at least one wall portion which is connected with at least one expansion portion to form a continuous hose casing, so that the circumference of the hose is variable between a minimum value, when the expansion portion is unexpanded, and a maximum value, when the expansion portion is maximally expanded and said expanded portion extends in the transverse and the longitudinal direction of the hose, the wall portions being displaced relative to each other in the transverse as well as the longitudinal direction of the hose as the circumference increases and the expansion portion expands, the wall and expansion portions are differently formed in different parts along the hose in order to control, during expansion or vibration of the hose, the direction of motion of the different parts~~ ~~hose according to claim 1~~ by extruding the materials forming the hose, ~~characterised by extruding,~~ in addition to the hose material and together therewith this, a form material,

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which is adapted to be a preform for the ~~hose material~~ for the desired configuration of the expansion portions and wall portions ~~of the hose material, the foam material being arranged along one of an outer circumference of the hose material or being arranged extending along the circumference of the hose material.~~

14. (Currently Amended) ~~The~~A method according to claim 13, characterised in that ~~wherein~~ the form material is arranged along the outer circumference of the hose material.

15. (Currently Amended) ~~The~~A method according to claim 13 or 14, characterised in that ~~wherein~~ the form material is accumulated in the portions of the hose material which are adapted to form expansion portions.

16. (Currently Amended) ~~The~~A method according to claim 13, characterised in that ~~wherein~~ the form material is an elastic material, which extends along the circumference of the hose material.

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17. (Currently Amended) ~~The A~~ method according to claim 16, ~~characterised in that wherein~~ the form material in the completed hose is arranged along the circumference of the hose material and provides a smooth outer face for the hose.

18. (Currently Amended) ~~The A~~ method according to claim 13, ~~characterised in that wherein~~ the form material is removed from the hose material in order to form the completed hose.

19. (Currently Amended) ~~The A~~ method according to claim 18, ~~characterised in that wherein~~ the form material has the property that it can be washed ~~is washable~~ away from the hose material.

20. (New) The medium-carrying hose according to claim 1, wherein the hose is for a pressure medium and can be used in engine compartments.

21. (New) The medium-carrying hose according to claim 11, wherein the hose is for a pressure medium and can be used in engine compartments.

22. (New) The medium-carrying hose according to claim 12, wherein the hose is for a pressure medium and can be used in engine compartments.

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23. (New) The method according to claim 13, wherein the hose is usable  
for a pressure medium and in engine compartments.

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Amendments to the Drawings

Attached hereto is one (1) sheet of corrected formal drawings that comply with the provisions of 37 C.F.R. § 1.84. The corrected formal drawings incorporate the following drawing changes:

In Fig. 1, the label "100" has been added to show the variably cross-section groove in different parts of the hose.

It is respectfully requested that the corrected formal drawings be approved and made a part of the record of the above-identified application.